L Number	Hits	Search Text	DB	Time stamp
1	63	118/715-733.ccls. and ((liner shutter shield) with (hollow$3))	USPAT; US-PGPUB	2003/12/09 14:21
2	23	156/345.$.ccls. and ((liner shutter shield) with (hollow$3))	USPAT; US-PGPUB	2003/12/09 14:21
3	5	156/345.$.ccls. and ((liner shutter shield) with (hollow$3) with (cool$3 heat$3 fluid))	USPAT; US-PGPUB	2003/12/09 14:22
4	25	118/715-733.ccls. and ((liner shutter shield) with (hollow$3) with (cool$3 heat$3 fluid))	USPAT; US-PGPUB	2003/12/09 15:00
5	14	gurary-alexander.in. elman-scott.in. moy-keng.in. boguslavskiy-vadim.in.	USPAT; US-PGPUB	2003/12/09 15:09
-	343	118/715-733.ccls. and ((liner shutter shield) with (cylinder cylindrical$3))	USPAT; US-PGPUB	2003/12/09 14:20
-	271	118/715-733.ccls. and ((liner shutter shield) with cool$3)	USPAT; US-PGPUB	2003/06/08 16:02
-	263	118/715-733.ccls. and ((liner shutter shield) with (reactor chamber)) and applied.as.	USPAT; US-PGPUB	2003/06/08 15:07
-	89	118/715-733.ccls. and ((liner shutter shield) with (reactor chamber) with (annular cylindrical$ cylinder)) and applied.as.	USPAT; US-PGPUB	2003/06/08 15:25
-	174	(118/715-733.ccls. and ((liner shutter shield) with (reactor chamber)) and applied.as.) not (118/715-733.ccls. and ((liner shutter shield) with (reactor chamber) with (annular cylindrical$ cylinder)) and applied.as.)	USPAT; US-PGPUB	2003/06/08 15:25
-	12	(US-6197121-$ or US-6202591-$ or US-6229116-$ or US-6228171-$ or US-6227140-$ or US-6231732-$ or US-5951775-$ or US-6051122-$ or US-6143086-$ or US-6221221-$ or US-6264812-$ or US-6192827-$).did.	USPAT	2003/06/08 15:32
-	4	((US-6197121-$ or US-6202591-$ or US-6229116-$ or US-6228171-$ or US-6227140-$ or US-6231732-$ or US-5951775-$ or US-6051122-$ or US-6143086-$ or US-6221221-$ or US-6264812-$ or US-6192827-$).did.) and cool	USPAT; US-PGPUB	2003/06/08 15:32
-	8	((US-6197121-$ or US-6202591-$ or US-6229116-$ or US-6228171-$ or US-6227140-$ or US-6231732-$ or US-5951775-$ or US-6051122-$ or US-6143086-$ or US-6221221-$ or US-6264812-$ or US-6192827-$).did.) and cool$3	USPAT; US-PGPUB	2003/06/08 15:32
-	28	5788799.URPN.	USPAT	2003/06/08 15:55
-	15	5788799.URPN. and cool$3	USPAT; US-PGPUB	2003/06/08 15:46
-	2	"04157162"	EPO; JPO; DERWENT	2003/06/08 15:56
-	35747	((liner shutter shield) with (cool$3 annular cylindrical$ cylinder))	USPAT; US-PGPUB	2003/06/08 16:05
-	6284	c23c016$.ipc.	USPAT; US-PGPUB	2003/06/08 16:07
-	53026	h011021$.ipc.	USPAT; US-PGPUB	2003/06/08 16:07
-	5463	(deposit$3 etch$3 "cvd" layer film) same ((liner shutter shield) with (cool$3 annular cylindrical$ cylinder))	USPAT; US-PGPUB	2003/06/08 16:06
-	0	(c23c016$.ipc. h011021$.ipc.) and ((liner shutter shield) with (cool$3 annular cylindrical$ cylinder))	EPO; JPO; DERWENT	2003/06/08 16:06
-	0	(c23c016$.ipc. h011021$.ipc.) and ((liner shutter shield) with (cool$3) with (annular cylindrical$ cylinder))	EPO; JPO; DERWENT	2003/06/08 16:06

-	0	(c23c016$.ipc. h011021$.ipc.) and ((liner shutter shield) same (cool$3) same (annular cylindrical$ cylinder))	EPO; JPO; DERWENT	2003/06/08 16:07
-	48231	c23c016$.ipc.	EPO; JPO; DERWENT	2003/06/08 16:07
-	742974	h011021$.ipc.	EPO; JPO; DERWENT	2003/06/08 18:08
-	34	(c23c016$.ipc. h011021$.ipc.) and ((liner shutter shield) same (cool$3) same (annular cylindrical$ cylinder))	EPO; JPO; DERWENT	2003/06/08 16:07
-	0	20020069970.URPN.	USPAT	2003/06/08 16:31
-	1	("6111255").PN.	USPAT; US-PGPUB	2003/06/08 17:26
-	1	("6111225").PN.	USPAT; US-PGPUB	2003/06/08 17:26
-	15	h011021$.ipc. and (reactor with "stainless steel")	EPO; JPO; DERWENT	2003/06/08 17:28
-	634	h011021$.ipc. and ((multiple plural$3) with (wafer substrate) with carrier)	EPO; JPO; DERWENT	2003/06/08 18:10
-	84	118/728.ccls. and ((multiple plural$3) with (wafer substrate) with holder)	USPAT; US-PGPUB	2003/06/08 18:15
-	42	118/728.ccls. and ((multiple plural$3) with (wafer substrate) with carrier)	USPAT; US-PGPUB	2003/06/08 18:11
-	6	118/728.ccls. and ((multiple plural$3) with (wafer substrate) with holder) and 118/719.ccls.	USPAT; US-PGPUB	2003/06/08 18:16
-	84	((multiple plural$3) with (wafer substrate) with holder) and 118/719.ccls.	USPAT; US-PGPUB	2003/06/08 18:16
-	24	((multiple plural$3) with (wafer substrate) with holder with (transfer$4 transport$3)) and 118/719.ccls.	USPAT; US-PGPUB	2003/06/08 18:17
-	35	118/715-733.ccls. and ((wafer substrate) with (holder) with (secur$3 attach$3) with (spindle rotat$3))	USPAT; US-PGPUB	2003/06/08 18:30
-	5	118/715-733.ccls. and ((wafer substrate) with (carrier holder) with (attach$3 secur$3) with spindle)	USPAT; US-PGPUB	2003/06/09 09:05
-	330	118/715-733.ccls. and ((wafer substrate) with (carrier holder) with (attach$3 secur$3))	USPAT; US-PGPUB	2003/06/09 09:09
-	62	118/719.ccls. and ((wafer substrate) with (carrier holder) with (attach$3 secur$3))	USPAT; US-PGPUB	2003/06/09 09:09
-	2	(shield shutter liner) with (conduit groove channel) with (entire) with (circumference perimeter) with fluid	USPAT; US-PGPUB	2003/12/05 16:49
-	11	(118/$.ccls. 156/345.$.ccls.) and ((shield shutter liner) with (conduit groove channel) with (circumference perimeter))	USPAT; US-PGPUB	2003/12/05 16:56
-	0	(118/$.ccls. 156/345.$.ccls.) and ((shield shutter liner) with (conduit groove channel) with (entire) with fluid)	USPAT; US-PGPUB	2003/12/05 16:56
-	2	(118/$.ccls. 156/345.$.ccls.) and ((wall) with (conduit groove channel) with (entire) with fluid)	USPAT; US-PGPUB	2003/12/05 16:57
-	2	(118/$.ccls. 156/345.$.ccls.) and ((side$1wall wall) with (conduit groove channel) with (circumference perimeter) with fluid)	USPAT; US-PGPUB	2003/12/05 17:05
-	2	(118/$.ccls. 156/345.$.ccls.) and ((side$1wall wall) with (conduit groove channel) with (circumference perimeter) with (cool$3))	USPAT; US-PGPUB	2003/12/05 17:06
-	1	(118/$.ccls. 156/345.$.ccls.) and ((shutter liner shield) with (conduit groove channel) with (circumference perimeter) with (cool$3))	USPAT; US-PGPUB	2003/12/05 17:08
-	4	(118/$.ccls. 156/345.$.ccls.) and ((shutter liner shield) with (circumference perimeter) with (cool$3 fluid))	USPAT; US-PGPUB	2003/12/05 17:09

~	,	7	(118/$.ccls. 156/345.$.ccls.) and ((shutter liner shield) with (entire) with (cool$3 fluid))	USPAT; US-PGPUB	2003/12/05 17:10
–		5	(118/$.ccls. 156/345.$.ccls.) and ((circumference perimeter) with (entire) with (cool$3))	USPAT; US-PGPUB	2003/12/05 17:14
–		16	(118/$.ccls. 156/345.$.ccls.) and ((circumference perimeter) with (entire) with (fluid))	USPAT; US-PGPUB	2003/12/05 17:18
~		18	("4276603" | "4570054" | "4688180" | "4711989" | "4738618" | "4761538" | "4937434" | "5000682" | "5001327" | "5099442" | "5258601" | "5280422" | "5291514" | "5436172" | "5517594" | "5555725" | "5661669" | "5782227").PN.	USPAT	2003/12/05 17:17
–		1	(c23c016$.ipc.) and ((cool$3) with (channel groove conduit) with entire with (uniform even))	EPO; JPO; DERWENT	2003/12/05 17:20
–		2	(c23c016$.ipc.) and ((cool$3) with (channel groove conduit) with (uniform even))	EPO; JPO; DERWENT	2003/12/05 17:20
–		1	(c23c016$.ipc.) and ((cool$3) with (channel groove conduit) with (circumference perimeter))	EPO; JPO; DERWENT	2003/12/05 17:21
–		0	(c23c016$.ipc.) and ((temperature with fluid) with (channel groove conduit) with (circumference perimeter))	EPO; JPO; DERWENT	2003/12/05 17:22
–		449	((cool$3) with (channel groove conduit) with (circumference perimeter))	EPO; JPO; DERWENT	2003/12/05 17:22
–		58	((cool$3) with (channel groove conduit) with (circumference perimeter) with (liner wall side$1wall shield shutter))	EPO; JPO; DERWENT	2003/12/05 17:35
–		29	((cool$3) with (entire) with (circumference perimeter) with (liner wall side$1wall shield shutter))	EPO; JPO; DERWENT	2003/12/05 17:41
–		24	(((cool$3) with (entire) with (circumference perimeter) with (liner wall side$1wall shield shutter))) not (((cool$3) with (channel groove conduit) with (circumference perimeter) with (liner wall side$1wall shield shutter)))	EPO; JPO; DERWENT	2003/12/08 16:05
–		107	((cool$3) with (entire) with (circumference perimeter) with (liner wall side$1wall shield shutter))	USPAT; US-PGPUB	2003/12/05 17:42
–		3	204/298.11.ccls. and (cool$3)	EPO; JPO; DERWENT	2003/12/08 16:33
–		246	204/298.11.ccls. and (cool$3)	USPAT; US-PGPUB	2003/12/08 16:33
–		49	204/298.11.ccls. and (cool$3 with (channel groove conduit))	USPAT; US-PGPUB	2003/12/08 16:49
–		4881	(shield shutter liner) with (temperature thermal$4 cool$3 heat$3) with (even$3 transfer$4)	USPAT; US-PGPUB	2003/12/08 16:50
–		1551	(shield shutter liner) with (temperature thermal$4 cool$3 heat$3) with (even$3 transfer$4)	EPO; JPO; DERWENT	2003/12/08 16:50
–		652	(shield shutter liner) with (temperature thermal$4 cool$3 heat$3) with (even$3)	EPO; JPO; DERWENT	2003/12/08 16:51
–		3	c23c016$.ipc. and ((shield shutter liner) with (temperature thermal$4 cool$3 heat$3) with (even$3))	EPO; JPO; DERWENT	2003/12/08 16:52
–		15	(118/715-733.ccls. 156/345.$.ccls. 204/298.$.ccls. 118/504.ccls.) and ((shield shutter liner) with (temperature thermal$4 cool$3 heat$3) with (even$3 balanc$3 equal$4))	EPO; JPO; DERWENT	2003/12/08 16:56
–		77	(118/715-733.ccls. 156/345.$.ccls. 204/298.$.ccls. 118/504.ccls.) and ((shield shutter liner) with (temperature thermal$4 cool$3 heat$3) with (even$3 balanc$3 equal$4))	USPAT; US-PGPUB	2003/12/08 17:42

–	8	("5336585" | "5362526" | "5366585" | "5449444" | "5487822" | "5518593" | "5728278" | "6083365").PN.	USPAT	2003/12/08 17:14
–	0	6432203.URPN.	USPAT	2003/12/08 17:22
–	0	6442950.URPN.	USPAT	2003/12/08 17:27
–	9	("2437414" | "4981102" | "5482559" | "5740845" | "5879461" | "6000227" | "6120660" | "6125551" | "6331212").PN.	USPAT	2003/12/08 17:27
–	28	(118/715-733.ccls. 156/345.$.ccls. 204/298.$.ccls. 118/504.ccls.) and ((cool$3) with (coil$3 wrap$3 wind$3) with (perimeter circumference))	USPAT; US-PGPUB	2003/12/08 17:58
–	1	("6442950").PN.	USPAT; US-PGPUB	2003/12/08 17:58
–	9	("2437414" | "4981102" | "5482559" | "5740845" | "5879461" | "6000227" | "6120660" | "6125551" | "6331212").PN.	USPAT	2003/12/08 18:28
–	231	118/715-733.ccls. and ("wafer carrier" "wafer frame")	USPAT; US-PGPUB	2003/12/09 11:15
–	103	118/715-733.ccls. and (("wafer carrier" "wafer frame") with (mount$3 hold$3))	USPAT; US-PGPUB	2003/12/09 11:44
–	3	5759281.URPN.	USPAT	2003/12/09 11:22
–	18	("4529621" | "4550047" | "4653428" | "4791651" | "5186756" | "5264038" | "5387447" | "5520742" | "5624499" | "5759281" | "5855675" | "5855998" | "5879450" | "5888591" | "6001183" | "6045877" | "6261363" | "6300601").PN.	USPAT	2003/12/09 11:24
–	4	6001183.URPN.	USPAT	2003/12/09 11:25
–	4	6001183.URPN.	USPAT	2003/12/09 11:26
–	17	("4599069" | "4903754" | "4986215" | "5044943" | "5152842" | "5226383" | "5242501" | "5343938" | "5344492" | "5366002" | "5376180" | "5384008" | "5403401" | "5460684" | "5474612" | "5690742" | "5782970").PN.	USPAT	2003/12/09 11:26
–	2	(118/$.ccls. 156/345.$.ccls.) and (("wafer frame") with (protect$3))	USPAT; US-PGPUB	2003/12/09 11:50
–	10	("5246524" | "5474647" | "5590445" | "5672239" | "5891298" | "6030485" | "6149758" | "6218727" | "6238515" | "6239038").PN.	USPAT	2003/12/09 11:46
–	10	("5246524" | "5474647" | "5590445" | "5672239" | "5891298" | "6030485" | "6149758" | "6218727" | "6238515" | "6239038").PN.	USPAT	2003/12/09 11:49
–	0	6569282.URPN.	USPAT	2003/12/09 11:49
–	14	(118/$.ccls. 156/345.$.ccls.) and (("wafer frame"))	USPAT; US-PGPUB	2003/12/09 12:10
–	14	3918756.URPN.	USPAT	2003/12/09 11:52
–	7	("0071336" | "2165417" | "3219375" | "3486631" | "3610613" | "3804311" | "3834349").PN.	USPAT	2003/12/09 11:54
–	23	("4306731" | "4473455" | "4779877" | "5046909" | "5093550" | "5256204" | "5275521" | "5372471" | "5377476" | "5382127" | "5388945" | "5636964" | "5668056" | "5669644" | "5679404" | "5841515" | "5911461" | "5970621" | "5976199" | "6068441" | "6099652" | "6158951" | "6162299").PN.	USPAT	2003/12/09 12:06
–	1	("4311427").PN.	USPAT; US-PGPUB	2003/12/09 12:10